b) a) Neuronal domain (100 μm) Astrocyte Astrocyte Astrocyte †[Ca²⁺] Gliotransmitters (e.g., Post Presynaptic glutamate) neuron Postsynaptic neuron 1[Ca²⁺] Extrasynaptic, NR2B-containing, NMDA receptors Metabotropic glutamate receptors